

### **Listing of Claims**

Claim 1-13 (cancelled)

Claim 14 ( currently amended) The method of claim ~~13~~ 17, wherein the refresh interval is calculated based at least in part upon a the number of clients registered with the server.

Claim 15 ( currently amended) The method of claim ~~13~~ 17, wherein the refresh interval is calculated based at least in part upon the registration information from the client.

Claim 16 ( currently amended) The method of claim ~~13~~ 17 , wherein the registration information includes ~~a~~ the class of the client and the calculation of the refresh interval is based at least in part upon the class and the calculation is established for every client in that class.

Claim 17 (new) A method for implementing adaptive notification to a client in client-server system, wherein asynchronous notifications are sent from a server to a client in a data communication system and based on a refresh interval for that client, the method comprising the steps of:

the client sending registration information to the server;

the server setting a refresh interval for the client;

the server sending the refresh interval to the client and the client storing the sent refresh interval;

the client polling the server for new information at time intervals based on the refresh interval stored at the client; and

the server transmitting a notification including such new information over the data communication system to the client in response to said polling.

Claim 18 (new) The method of claim 17 wherein said notification in response to the client polling includes an updated refresh interval and said client changing the stored refresh interval to the updated refresh interval.

Claim 19 (new) The method of claim 15 wherein the registration information includes the speed of the datalink in the data communications network between the server and the client.

Claim 20 ( new) The method of claim 15 wherein the registration information includes the communications processing power of the client.